

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 CFR 1.53(b)

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27

3. Specification Total Pages 24

4. Drawing(s) (35 U.S.C. 113) Total Sheets 8

5. Oath or Declaration Total Pages

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation / divisional w/ box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).

6. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

7. Application Data Sheet. See 37 CFR 1.76

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification or Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
- c. Statements verifying identity of above copies

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation Divisional Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Amend the specification by inserting before the first line the sentence:

This application is a Continuation Division Continuation-in-part (CIP)
of application Serial No. Filed on

This application claims priority of provisional application Serial No. Filed

20. CORRESPONDENCE ADDRESS

BLANK ROME COMISKY & MCCUALEY LLP
THE FARRAGUT BUILDING
SUITE 1000
900 17TH STREET, NW
WASHINGTON, DC 20006
TEL (202) 530-7400 FAX (202) 463-6915



27557

PATENT TRADEMARK OFFICE

Name: Charles R. Wolfe, Jr.

Registration No.: 28,680

Signature:

Date: February 15, 2002

10/07/02
Jc997 U.S.P.T.O.
10/07/02
02/15/02

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Leave if Known

Application Number	New Application
Filing Date	February 15, 2002
First Named Inventor	Alsobrooks et al.
Examiner Name	New Application
Group / Art Unit	New Application

TOTAL AMOUNT OF PAYMENT (\$ 956.00)

Attorney Docket No. 115582.00150

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: 23-2185 Deposit Account Name BLANK ROME COMISKY & MCCAULEY LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee for provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 0)</td> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4"> 2. EXTRA CLAIM FEES Total Claims 32 -20** = 12 X \$18 = \$216 Independent Claims 3 -3** = 0 X \$84 = \$0 Multiple Dependent = X = \$280 </td> <td colspan="4"> Extra Claims Fee from below Fee Paid </td> </tr> <tr> <td colspan="4"> Large Entity Fee Code (\$) 103 18 203 9 102 84 202 42 104 280 204 140 109 84 209 42 110 18 210 9 </td> <td colspan="4"> Fee Description Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim, if not paid ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent </td> </tr> <tr> <td colspan="4">SUBTOTAL (2) (\$)</td> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="4"></td> <td colspan="4">SUBTOTAL (3) (\$ 0)</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive – unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee for provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		SUBTOTAL (1) (\$ 0)				Other fee (specify) _____				2. EXTRA CLAIM FEES Total Claims 32 -20** = 12 X \$18 = \$216 Independent Claims 3 -3** = 0 X \$84 = \$0 Multiple Dependent = X = \$280				Extra Claims Fee from below Fee Paid				Large Entity Fee Code (\$) 103 18 203 9 102 84 202 42 104 280 204 140 109 84 209 42 110 18 210 9				Fee Description Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim, if not paid ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent				SUBTOTAL (2) (\$)				*Reduced by Basic Filing Fee Paid								SUBTOTAL (3) (\$ 0)			
Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																									
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																									
139	130	139	130	Non-English specification																																																																																																																																																																																																																									
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																									
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																									
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																									
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																									
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																									
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																									
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																									
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																																									
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																									
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																									
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																									
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																																																									
141	1,280	241	640	Petition to revive – unintentional																																																																																																																																																																																																																									
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																									
143	460	243	230	Design issue fee																																																																																																																																																																																																																									
144	620	244	310	Plant issue fee																																																																																																																																																																																																																									
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																									
123	50	123	50	Processing fee for provisional applications																																																																																																																																																																																																																									
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																									
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																									
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																									
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																									
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																									
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																									
SUBTOTAL (1) (\$ 0)				Other fee (specify) _____																																																																																																																																																																																																																									
2. EXTRA CLAIM FEES Total Claims 32 -20** = 12 X \$18 = \$216 Independent Claims 3 -3** = 0 X \$84 = \$0 Multiple Dependent = X = \$280				Extra Claims Fee from below Fee Paid																																																																																																																																																																																																																									
Large Entity Fee Code (\$) 103 18 203 9 102 84 202 42 104 280 204 140 109 84 209 42 110 18 210 9				Fee Description Claims in excess of 20 Independent claims in excess of 3 Multiple dependent claim, if not paid ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																									
SUBTOTAL (2) (\$)				*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																									
				SUBTOTAL (3) (\$ 0)																																																																																																																																																																																																																									

**or number previously paid, if greater; For Reissues, see above

BLANK ROME COMISKY & MCCAULEY LLP
 THE FARRAGUT BUILDING
 SUITE 1000
 900 17TH STREET, NW
 WASHINGTON, DC 20006
 TEL (202) 530-7400 FAX (202) 463-6915



27557

PATENT TRADEMARK OFFICE

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Charles R. Wolfe, Jr.	Registration No. (Attorney/Agent)	28,680	Telephone	202-530-7440
Signature				Date	February 15, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TITLE: Rapid High Resolution Position for Sensor for Auto Steering

FIRST NAMED INVENTOR: Alsobrooks et al.

FILING DATE: February 15, 2002

Blank Rome Comisky & McCauley, LLP
900 17th Street NW, Suite 1000
Washington, DC 20006
202-530-7400 Tel.
202-463-6915 Fax.

10025562.02502